

GROUND-WATER LEVELS  
ROCKINGHAM COUNTY—Continued

362323079421201. County number, RK-235; DENR Upper Piedmont Research Station MW-N4I (Transition Zone well).

LOCATION.--Lat 36°23'23.1", long 79°42'12.5", Hydrologic Unit 03010103, .6 mi north of Wentworth Street, .6 mi west of Secondary Road 1993 on North Carolina State University Research Farm. Owner: DENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

AQUIFER.--Regolith (saprolitic Biotite Gneiss).

WELL CHARACTERISTICS.--Drilled observation well, depth 70 ft, diameter 4 in., cased to 44 ft, open hole from 44 ft to 70 ft.

INSTRUMENTATION.--Measured periodically with electric tape (by both DENR and USGS).

DATUM.--Land-surface datum is 840 ft above NGVD of 1929. Measuring point: Top of protective steel casing, 2.80 ft above land-surface datum.

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

PERIOD OF RECORD.--June 2002 to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.36 ft below land-surface datum, July 7, 2003; lowest water level measured 37.54 ft below land-surface datum, Oct. 23, 2002.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, FOR PERIOD JUNE TO SEPTEMBER 2002

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
JUN 05	36.56*	AUG 07	36.94*	SEP 05	37.16*

\*DENR measurements.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DATE	WATER LEVEL										
OCT 23	37.54*	DEC 09	37.20*	MAR 10	31.69*	APR 29	25.43*	JUL 07	24.36*	SEP 10	25.16*
NOV 20	37.46*	FEB 03	33.97*	APR 02	28.30*	JUN 02	25.53*	AUG 12	25.02*	17	25.19*

\*DENR measurements.

